

## **Abstract**

System and method implementing an integrated interface for multiple instruments for signal analysis, including two or more virtual instruments. The method includes a) receiving user input specifying an operation implementing at least a portion of a signal analysis function; b) performing the operation utilizing at least one of the instruments to perform the operation; c) displaying an icon comprising a graphical representation of the operation in response to the specifying; d) storing information specifying the operation; and repeating a) – d) multiple times to specify the function, thereby producing stored information representing the operations in the function, and after which multiple icons are displayed representing the operations and visually indicating the function. The operations in the function include 1) generating signals displayed in a graph, and/or 2) modifying one or more signals displayed in the graph. After each respective operation is specified, the operation is performed substantially continuously during said repeating.